

Board of County Commissioners
DEPARTMENT OF PUBLIC WORKS
SOLID WASTE MANAGEMENT DIVISION

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Dept. Of Environmental Protection

SEP 09 2010

Southwest District

September 3, 2010

Melissa Madden, Environmental Specialist
Solid Waste Section
Florida Department of Environmental Protection
13051 N. Telecom Parkway
Temple Terrace, FL 33637-0926

Dept. Of Environmental Protection

SEP 09 2010

Southwest District

Re: Citrus County Central Landfill
Permit No. 21375-008-SO/01 and 126602-002-WT/02
Response to Site Inspection Comments received August 25, 2010

Dear Ms. Madden:

This letter is in response to the comments received during the facility inspection of April 19, 2010. The inspection of our active landfill facility conducted by you and Eric Holtgard representing FDEP, and accompanied by me representing Citrus County.

Your inspection comments, including inspection section and permit specific condition citation, are shown in *italics* followed by our response to each area of concern.

OPEN VIOLATIONS

None noted on inspection form.

CURRENT AREA OF CONCERN

Area: Closed 60 Acre Landfill

Rule: 403.161, 62-701.620(2)

Question Number 3.20

Explanation: Department Staff observed a 10-15 ft. wide surface depression on the South-East back of DRA #4.

Corrective action: A written notification shall be submitted in accordance with S.C. A.9.b. Additional investigation may be required.

Comments: After additional Department (and FGS) investigation, it was determined that the depression may have been caused by slope failure due to erosion. Please provide the Department with current pictures of the area of concern and details on the repair and a schedule for inspection in the future.

Response: The facility determined that the feature in question was the result of run-off collecting in the adjacent swale and moving at too great a velocity thereby causing erosion. Repairs were made immediately following the inspections by the Department and FGS. Unstable wet soils were removed and remaining soils dewatered when overburdened was released, the area was back filled in 12" lifts, hand compacted and brought up to final grade using sand bags. The sand bags were used to maintain a stabilized surface while vegetation re-established itself. Mulch was spread to stabilize the remainder of the disturbed area. Two sand bag dams were installed in the swale to decrease the velocity of the water

in the swale leading to the DRA #4, these proved ineffectual and were replaced by rock check dams constructed of crushed concrete. This process has corrected the erosion noted in the inspection. Staff has been advised to check this during the daily inspections.



Wet Soils removed



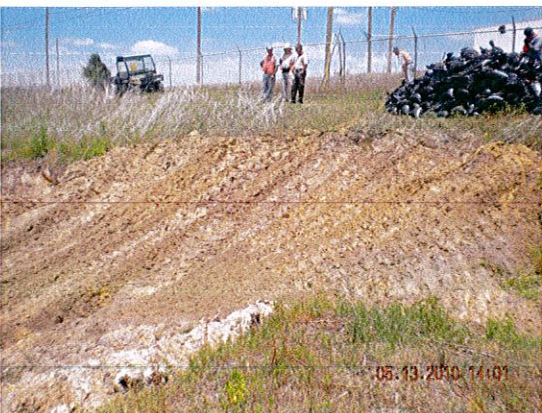
Soils replaced in 12" lifts



Soils compacted



Dozer repairing slope



Slope repaired, sand bags staged



Sand bags placed



Mulch placed to enhance stabilization



Repair completed



Current condition, vegetation re-established



Rock check dam, foreground and mid photo

Area: Phase I Landfill

Rule: 62-701.500(7)(j)

Question Number: 2.21

Explanation: Erosion noted at the South and East slopes of active class 1 site

Corrective Action: Regrade and cover in accordance with the permit

RESPONSE: Erosion was repaired on both the South and the East slopes following the inspection.

Controlling erosion is a constant battle at an active landfill site, during this time period, made more difficult by the fact that the site was undergoing construction of the gas collection and control system. As necessitated by the construction and installation of the piping system significant portions of the landfill had been disturbed. While these areas are immediately re-covered upon completion of daily work, they had not had the opportunity to stabilize. Therefore, the recently disturbed intermediate cover, when exposed significant rainfall resulted in erosion.

Area: Phase I Landfill

Rule: 62-701.400(9)(c), 62-701.500 (10)

Question Number: 2.28

Explanation: Department Staff observed potential leachate seep and minor exposed waste with evidence of staining tracked in the stormwater ditch, however, active seepage outside of the liner was not observed.

Corrective Action: Regrade and cover in accordance with the permit

RESPONSE: The area in question was immediately regraded and cover was added in accordance with the permit. As noted above, this portion of the site was an active area of construction and therefore, cover soils had recently been disturbed. The construction has been completed, the area repaired and there has been no indication of reoccurrence.

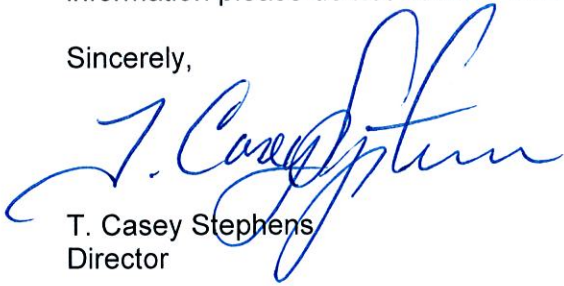
*Area: Yard Waste Processing
Rule: 62-709.320(4)(a)3.b
Question Number: 10.12
Explanation: Missing interior land
Corrective Action: Make 15 ft interior lane*

*Area: Yard Waste Processing
Rule: 62-709.320(4)(a)3.a
Question Number: 10.11
Explanation: Missing perimeter road around entire pile
Corrective Action: Make 20 ft perimeter road around entire pile*

Response: Citrus County will maintain a 15 ft. interior lane between the coarse and fine mulch piles. A 20 ft. perimeter road will be maintained around the entire mulch pile.

I trust these responses adequately address all applicable FDEP concerns regarding the September 29, 2009 inspection of the Citrus County Central Landfill. If you have any questions or need additional information please do not hesitate to contact me.

Sincerely,



T. Casey Stephens
Director

TCS

CC: Ken Frink, Director, Public Works Department